

Abstract**5 Microcomponent comprising a hermetically-sealed microcavity and
method for production of such a microcomponent**

10 The microcavity (6) is delineated by a cover, comprising a first layer (4), in
which at least one hole (5) is formed. A second layer hermetically seals the
microcavity. A third layer (9) is arranged between the first (4) and the second
layer. An additional microcavity (11), communicating with the hole (5), is
arranged between the first (4) and the third (9) layer. At least one additional
hole, adjacent to the additional microcavity (11), formed in the third layer (9)
and offset with respect to the hole (5), is sealed by the second layer, after
sacrificial layers have been removed through the additional hole. The
15 microcomponent comprises at least one mechanically stressed layer
arranged above the first layer (4).

(Figure 13)